|   |  |          |               |          |              | _        | 6 A             | 1-1      | -        |              |                        |              |          |              |   | 1            | RΡΙ          | pplication No.          |              |                      |         |            |           |            |                      |   | Applicantes          |          |         |          |                    |                    |     |        |
|---|--|----------|---------------|----------|--------------|----------|-----------------|----------|----------|--------------|------------------------|--------------|----------|--------------|---|--------------|--------------|-------------------------|--------------|----------------------|---------|------------|-----------|------------|----------------------|---|----------------------|----------|---------|----------|--------------------|--------------------|-----|--------|
|   | index of Claims                              |          |               |          |              |          |                 |          |          |              |                        |              |          |              | 09/965,796  |              |              |                         |              |                      |         |            |           |            | GOLDENBERG, DAVID M. |   |                      |          |         |          |                    |                    |     |        |
|   |  |          |               | Ш        | Ш            |          |                 |          |          | Ш            | H                      |              |          |              |   |              | Examiner     |                         |              |                      |         |            |           |            |                      | Art Unit                                |                      |          |         |          |                    |                    |     | $\neg$ |
|   |  | Ш        |               | Ш        |              |          | Ш               |          |          | Щ            | Ш                      |              |          |              |   | l'           | LAGIMMO      |                         |              |                      |         |            |           |            |                      | 1                                       |                      |          |         |          |                    |                    |     |        |
|   |  |          |               |          |              |          |                 |          |          |              |                        |              |          |              | Alana M. Harris, Ph.D.  |              |              |                         |              |                      |         |            | 1642 1643 |            |                      |   |                      |          |         |          |                    |                    |     |        |
|   |  |          |               |          |              |          |                 |          |          |              |                        |              |          |              |   |              |              |                         |              |                      |         |            |           |            |                      |   |                      |          |         |          |                    |                    |     |        |
|   |  |          | $\overline{}$ | _        | _            | _        | $\neg$          |          |          | т-           | ~                      | <b></b>      |          |              |   |              | <u></u> [    |                         |              |                      |         |            |           |            | П                    |   |                      |          |         |          | 1                  |                    |     | 1      |
|   | / Rejected — (Inroug                         |          |               |          |              |          |                 |          |          |              | igh numera<br>ancelled |              |          |              | ,   | 1 1          | N            | N                       | on-E         | lec                  | ected   |            | A         | Appeal     |                      |   |                      |          | 1       |          |                    | ŀ                  |     |        |
|   |  |          | Ù             |          |              |          |                 |          | <u>_</u> | ╀            |                        | Cancened     |          |              |   |              |              | 1                       | H            |                      |         |            |           |            | Н                    | -                                       |                      |          |         |          | 1                  | •                  |     | ı      |
| · |  |          |               |          | Jio          |          | .               |          |          |              |                        | 20           | str      | ict          | he  |              |              | 1                       |              | in                   | terf    | ere        | nce       |            | 0                    | Objected                                |                      |          |         |          |                    |                    |     |        |
|   |  |          | =             | ^        | NIOI         | WE       | ۱"              |          | Ľ        | <u></u>      | _                      |              |          |              | -   |              |              | J                       | Ù            |                      |         |            |           | j          | Ш                    | L_                                      |                      |          |         |          | ٢                  |                    |     | ļ      |
|   |  |          |               |          |              |          |                 |          |          |              |                        |              |          | -            | _   | -            | _            | <u>.</u>                |              |                      |         | ٦.         | _         |            | _                    | Date                                    |                      |          |         |          | $\neg$             | 1                  | 1   |        |
|   | Cla  | im       | 10            |          | ζЬ,          | Ö        | ate             | _        | _        |              |                        |              |          | 12           | 2 14 15 15<br>20 14 15 15<br>20 14 15 15  |              |              | <u>Dar</u>              | 7369         |                      |         | ┨          | Claim     |            | ╁┐                   | П                                       | Т                    | Ť        | Ť       | Т        | Т                  | П                  |     |        |
|   | _  | 78       | 7/2           | 2        |              | 刎        |                 | ı        | 1        | 1            | <b> </b> :             | _            | 夏        | 19           | 12  |              | 414          | 4                       |              |                      | .       | 1          | <b>3</b>  | Original   | 1                    |   | - 1                  |          | -       | 1        |                    | П                  |     |        |
|   | Final  |          |               |          |              |          | ļ               | 1        | 1        |              |                        | Final        | Original | , /7         | OYI   | 7            | 774          | 1                       |              |                      |         | ı          | Final     | 1          |                      |   | -                    | 1        | ı       | -        | 1                  | П                  |     | ŀ      |
|   | 2  | δ        | A             | A        | A            | W        |                 | 1        | 1.       |              | 1                      | _            | 0        | ·   +        | 刌   | H            | Yþø          | <b>q</b>                |              |                      |         | J          | <u> </u>  | 1          |                      | Ц                                       | _                    | 4        | 4       | 4        | ╄                  | Н                  |     | 1      |
|   |  | 1        | Н             | Ė        | Н            | 1        | 十               | 十        | 1        | T            | <b>i</b> . Ì           |              | 53       | Ŀ            | 7   | 1            | 1            | 1                       | $\Box$       | $\Box$               |         | 7          | <u> </u>  | 101        | 1                    | $\vdash \vdash$                         | +                    | +        | +       | +        | ╄                  | ₩                  |     | . [    |
|   |  | 1        |               |          |              |          |                 | $\perp$  | $\perp$  |              | ]                      |              | 52       |              | 11.   | 4            | 4            | 4_                      | ₽            | 4                    | +       | 4          | <b> </b>  | 102        |                      | ⊢┤                                      | ┽                    | 十        | +       | ╫        | ┿                  | Н                  |     |        |
|   |  | 1        | П             |          | Ц            | _        | 4               | 4        | ╀        | ╄            | ∤ ',                   | <u> </u>     | 5        | 4            | ₩   | ╬            | +            | ╀                       | $\vdash$     | H                    | ╅       | ┨          |           | 104        |                      | Н                                       | 十                    | +        | 十       | +        | +                  | Ħ                  |     | ŀ      |
|   |  | 14       | 1             | <u> </u> | Н            | 4        | -               | +        | ╀        | ╁            | <b>∤</b> . ∤           |              | 55<br>55 |              | ₩   | 4            | K            | <del>}</del> -          | ╁            | H                    | +       | ┨.         | -         | 105        |                      | Н                                       | 1                    | 士        | 7       |          |                    |                    | j • |        |
|   | <b> </b> -                                   | 1        | H             | $\vdash$ | Н            | $\dashv$ | +               | ╅        | ╁        | 十            | 1                      |              | 56       |              | ⇈   | rΤ           | Ħ            | 1                       |              |                      |         | ]          |           | 106        |                      |   | $\Box$               | $\Box$   | $\perp$ | L        | L                  | $\Box$             | ł   |        |
|   | }—   | 1        | Н             |          | Н            | Н        | _               | 十        | 十        | 1            | 1 .                    |              | 57       |              |   | L            | $\mathbf{I}$ |                         |              | $\Box$               | $\Box$  | ]          |           | 107        |                      | Н                                       | 4                    | 4        | +       | +        | +-                 | ₽                  |     | l      |
|   |  | 1        |               |          | П            |          |                 | 1        | I        | L            | ].                     |              | 58       |              | ${ m I\!$ | _            | 4            |                         | ┺            | $\dashv$             | 4       | 4          | <u> </u>  | 108        |                      | Н                                       | +                    | +        | +       | ╌        | ╁                  | Н                  | •   |        |
|   |  | 1        |               |          | $\Box$       |          | $\Box$          |          | 1        | $\perp$      | ∶                      |              | 59       |              | #   | H            | 4            | 4                       | ┰            | $\dashv$             | ╌       | -∤:        | $\vdash$  | 110        |                      | Н                                       | ╅                    | +        | ╅       | ╅        | 十                  | Н                  | i   | l      |
|   |  | 10       | L             | _        | Н            | $\dashv$ | -               | 4        | ╇        | ╀            | l."                    |              | 6        | ;+-          | ₩   | ₩            | ╁            | 十                       | $\vdash$     | Н                    | ╅       | ┨.         | -         | 111        |                      | H                                       | 7                    | +        | 十       | 1        | 1                  | П                  | İ   | ſ      |
|   | <u> </u>                                     | 1        | ┝             | -        | Н            | Н        | +               | ╬        | ╬        | ╁            |                        |              | 뤔        | ;+           | ╫   | ₩            | ╅            | 十                       | ✝            | H                    | 十       | ┨ :        |           | 112        |                      |   | Ī                    | $\perp$  | $\Box$  | ŀ        | I                  |                    | į   |        |
|   |  | 12 13    | H             | -        | Н            | Н        | $\dashv$        | 十        | ╅        | +            | 1                      | ┢            | 6        |              | It  | Ħ            | 士            | 1                       |              |                      |         | ].         |           | 113        |                      | П                                       | 1                    | 1        | 4       | 4        | 1                  | ┦┤                 |     |        |
|   | ┢─   | 1        | ╁╴            |          | Н            |          | $\vdash$        | 1        | 1        | 忊            | ].                     |              | 6        |              | $\mathbf{I}$  | $\Pi$        | Ι            | I                       | $\Box$       |                      | $\Box$  | 4          |           | 114        |                      | Н                                       | -                    | 4        | +       | +        | ╄                  | ₽                  |     |        |
|   |  | 15       |               |          |              |          |                 | $\Box$   | I        | L            | 1.                     |              | 4        |              | ₩.  | #            | 4            | ╄                       | ╄            | ┝┥                   | +       | 4          | -         | 115        |                      | Н                                       | -                    | +        | ╁       | ┿        | ┿                  | ╁┤                 | · · |        |
|   |  | 18       |               |          | Ц            |          | $\perp$         | _        | 4        | ↓_           | ∵ ا                    | <b> </b>     | 6        |              | ₩   | ₩            | +            | ╂╌                      | ╀            | ⊢                    | ╬       | Ⅎ          | $\vdash$  | 117        |                      | Н                                       | _                    | 十        | +       | ╅        | +                  | $\vdash$           | 1   |        |
|   | <b> </b>                                     | 1        | 1             | ┡        | Н            | _        | $\dashv$        | ╌        | +-       | ╁╌           | ł                      | ├─           | a        |              | ╫   | ₩            | 十            | ╈                       | 十            | Н                    | 十       | վ          |           | 118        |                      |   |                      | $\Box$   |         | 1        | I                  |                    | ŀ   |        |
|   |  | 19       | -             | $\vdash$ | Н            | Н        | $\dashv$        | ╅        | ╅        | ╁            | ١.                     | <b></b> -    | đ        |              | Ħ   | #            | 1            |                         | Ĺ            |                      |         | ]:         |           | 119        |                      | Ц                                       | $\Box$               | 1        | Ţ       | $\perp$  | 1                  | Ш                  | 1.  |        |
|   | }—   | 20       | t             | Н        | Н            |          | Ħ               | 7        |          | 1_           | j·.                    |              | 7        | $\mathbf{I}$ | ${ m II}$   | 1            | I            | I                       | 匚            |                      | _       | -1         |           | 120        |                      | Н                                       | $\dashv$             | +        | +       | ╀        | ╀                  | ╄┩                 | ļ   | - 1    |
|   |  | 21       |               |          |              |          |                 | $\bot$   |          | $\perp$      | ] . ]                  | <u> </u>     | 14       |              | #   | 4            | 4            | ╀                       | -            | ${oldsymbol{arphi}}$ | ┿       | -          | -         | 121        |                      | Н                                       |                      | +        | +       | ╅        | ┿                  | H                  | ţ   | Ì      |
|   |  | 2        | Ш             | -        | Ш            | Ц        | 4               | 4        | +        | ╀            | <b>!</b> ::            | ├            | 1        |              | ₩   | ╁            | ╁            | ╫                       | +            | Н                    | +       | 1          | ┝         | 123        |                      | Н                                       | 7                    | ╅        | 十       | +        | 十                  | Ħ                  | 1 . | - 1    |
| • | <u>                                     </u> | 23<br>24 | J             | K,       | 7            | Ы        | -               | ╅        | ╁        | ╫            | H                      | ┝            | H        |              | ₩   | ╫            | ╅            | +                       | 十            | H                    | +       | <b>†</b> ։ |           | 124        |                      |   |                      |          | $\Box$  | $\perp$  | I                  | $\Box$             |     |        |
| • | <b>-</b>                                     | 25       | H             | H        | H            | Н        | $\dashv$        | ╅        | ╅        | ╈            | <b>!</b> !!            | <b>-</b>     | 1        |              | #   | #            | 1            |                         |              |                      | Ī       | ].         |           | 125        |                      |   | $\Box$               | _        | 4       | 4        | 4_                 | $oldsymbol{\perp}$ | ļ   | 1      |
|   | $\vdash$                                     | 26       | tt            | Ħ        | Ш            | Ш        |                 | 1        | 1        | L            | ]:.                    |              | <b>A</b> |              | $\prod$   | ${\rm I\!I}$ | $\bot$       | T                       | L            | Н                    | 4       | ╣.         | ·         | 126        |                      | Н                                       | $\dashv$             | -+       | +       | +        | ┿                  | ₽                  | · · |        |
|   |  | 27       | П             | Y        | $\mathbf{V}$ | K        | $\Box$          | $\Box$   | I        | ╄            | 1 :                    |              | 14       |              | #   | #            | - -          | ╀                       | ╄            | Н                    | +       | ╣.         | $\vdash$  | 127<br>128 |                      | Н                                       | -                    | -+       | -+-     | ╅        | ╅                  | ╁┤                 | 1   |        |
|   |  | 28       | Щ             | L        | Н            | Ш        | 1               | -        | ╁        | ╄            | 1                      | <u> </u>     | A A      | #            | ₩   | ₩            | ╁            | ╁                       | ╁╌           | Н                    | ┽       | ┨          | $\vdash$  | 129        |                      | H                                       | 1                    | ┪        | ╅       | -†-      | 十                  | 17                 | 1 ' |        |
|   | <b>├</b>                                     | 29<br>30 | ₩             | ⊢        | Н            | Н        | ┝┼              | ┰        | ┿        | ╁            | <b>∤</b> .⊹            | <del></del>  | 1        |              | ╫   | H            | +            | ╅╌                      | ╈            | Н                    | 1       | <b>.</b>   |           | 130        |                      |   | $\Box$               | $\Box$   | $\Box$  | $\Box$   | $\perp$            | $\Box$             | ]   |        |
|   | ├─   | #        |               | ⊢        | Н            | Н        | ┢╅              | +        | ╅        | ╁            | 1 :                    |              | 8        | П            | $^{\dagger \dagger}$  | П            |              | Ī                       | 工            |                      |         | ן∵         |           | 131        |                      | $\Box$                                  | $\Box$               | 1        | 4       | +        | +                  | ₽                  | Į.  |        |
|   |  |          |               |          |              |          |                 |          |          | 1            | <b>]</b> :             |              | 6.       | • •          | ${ m I\!I}$   |              | $\bot$       | 1                       | 1_           | Ц                    | +       | 4          | <b>—</b>  | 132        |                      | Н                                       | -                    | +        | +       | ┿        | ╁                  | ╀┦                 | ł   |        |
|   |  | 33       |               |          |              |          |                 | Д.       | 1        | 1            | <b>]</b> .             |              | Į.       |              | $\parallel$   |              | +            | +                       | ₽            | H                    | ╬       | ٦٠         |           | 133        |                      | Н                                       | $\dashv$             | ┪        | +       | +        | ╅╸                 | ┯                  | 1   |        |
|   |  | 3        |               | <u> </u> | Н            | Н        | ⊢               | +        | ╬        | ╁            | ┥                      | ├            | 8        |              | ╫   |              | ╅            | ╁╴                      | ╁            | H                    | ╅       | Ⅎ·         | <b> </b>  | 135        |                      | П                                       |                      |          | 1       | 1        | I                  |                    | 1   |        |
|   | ┝  | 35<br>36 | ₩             | 1        | 1            | V        | Н               | +        | +        | ╁╴           | ┨╴                     | ┢            | 1 60     | _            | Ħ   | -            | +            | +                       | T            | Н                    |         |            |           | 136        |                      |   |                      | $\Box$   | $\Box$  | $\perp$  | $oldsymbol{\perp}$ | oxdot              | ]   |        |
|   | -  | 37       | ╫             |          | łŤ           | _        | H               | 十        | +        | †            | 1                      |              |          |              | I   | _            | 1            | $oldsymbol{\mathbb{T}}$ |              |                      | $\Box$  | ]."        |           | 137        |                      | Ц                                       | $\sqcup$             | -1       | 4       | +        | 4                  | ₩                  | 4   |        |
|   | <del></del>                                  | 38       | Ħ             | Ħ        | Ш            | Ш        |                 | 1        |          | $\mathbf{L}$ | ]                      |              |          |              | Ц   |              | 1            | 1                       | ╀            | Ц                    | 4       |            | <u> </u>  | 138        |                      | Н                                       | ∺                    | -+       | +       | ╬        | ╬                  | ╁                  | ł   |        |
|   |  | 39       | ${ m II}$     | П        | Ш            | $\Box$   |                 |          | T        | $\perp$      | 1                      | <u> </u>     | 8        |              | $\parallel$   |              | +            | ╇                       | ╄            | Н                    | +       | 4          | ├         | 139        |                      | Н                                       | H                    | $\dashv$ | +       | ╅        | +                  | ┿                  | 1   |        |
|   | $\vdash$                                     | 40       | #             | _        | Ш            | _        | $\vdash \vdash$ | +        | +        | +-           | ┨                      | <b>}</b> -   | 8        |              | ₩   | ╫            | +            | ╅                       | +-           | Н                    | -       | -          | <b>—</b>  | 141        |                      | П                                       | 口                    |          |         | <u> </u> | 1                  | 1                  | ]   |        |
|   | -  | 41       | _             | -        | Н            | Н        | ⊢┼              | +        | ╫        | ╁            | ۱.                     | <del> </del> | å        |              | tt  | #            | +            | +                       | 丁            | H                    | 丁       | J          |           | 142        |                      |   |                      | コ        | 二       | I        | 工                  | $\perp$            | ] . |        |
|   | -  |          | П             | П        | Π.           | T        | H               | _        | +        | 士            | 1 :                    |              | 9        | _            | II  | $\Pi$        |              | I                       | I            | 口                    | $\Box$  | ]          |           | 143        |                      | $\Box$                                  | Ц                    | 4        | 4       | 4        | 4                  | —                  | 1   |        |
| • |  | 44       | π             | $\Pi$    | V            | $\nabla$ | □               | コ        | I        | I            | ]`.                    |              | 9        | Ī            | П   | _            | 1            | Ŧ                       | L            | Ш                    |         | ┨.         | <u> </u>  | 144        |                      | ₩                                       | H                    | +        | +       | +        | +                  | +                  | {   |        |
|   |  |          | $\prod$       | V        |              | Ц        | Ц               | $\bot$   | $\perp$  | +            | -                      | ├—           | 19       | #            | H   | ₩            | +            | ┿                       | ╁            | ┥                    | +       | 4          | -         | 146        |                      | Н                                       | ┝┼                   | +        | +       | +        | +                  | 十                  | 1   |        |
|   |  | 45       | ₩             | ٠.       | 1            | H        | 4               | $\dashv$ | +-       | ┿            | ┨╴                     | -            | 녆        |              | Ψı  | ₩            | +            | 十                       | 十            | H                    | 十       | 1          |           | 147        |                      |   | □                    |          | コ       | I        | 工                  | 工                  | ]   |        |
|   | <b>-</b>                                     |          | 壯             |          | ť            | H        | H               | +        | +        | 十            | 1                      | ┍            | ğ        | 叶            | 1   | #            | I            | 1                       | $\mathbf{I}$ |                      |         |            |           | 148        |                      |   | Ц                    | Į        |         | Ţ        | $\perp$            | 1                  | 4   |        |
|   | <b> </b>                                     |          | 忧             |          | $\Box$       | Ħ        |                 |          | 上        | T            | ]                      |              | 9        | 9            | I   | Į            | I            | T                       | $\perp$      |                      | $\perp$ | 4          | <u></u>   | 148        |                      | 1-                                      | ${oldsymbol{arphi}}$ | 4        | -       | +        | +                  | ┿                  | ┥   |        |
|   | $\vdash$                                     |          | Ň             |          | П            | Г        | П               | T        |          | Ţ            | $1 \cdot$              |              | 10       | 0            | $\Box$  | $\perp$      | $\perp$      | _L                      |              | Ш                    |         | …لــ       | L_        | 150        | υ_                   | لــــــــــــــــــــــــــــــــــــــ | ட                    |          | ᆚ       |          |                    | ᆚ_                 | J   |        |